

May 14, 1999

Automated Tracking Station (ATS) Status (see <http://www.wff.nasa.gov/~code584/awots.html>)

Ground Station Participants: Wallops (WGS), Svalbard, Norway (SGS) and Poker Flat, Alaska (AGS)

Software Release:

- Operational release 2.1.1 (installed March 24, 1999)
- Beta release 2.2 (installed April 23, 1999 and testing at WGS)
- User Manual document updated April 17, 1999
- Source code archived and maintained for configuration control
- SCC release 2.05 (WGS) and 2.32 (SGS/AGS) installed March 3, 1999

EPGN Supported Activities:

- Landsat-7 (launched April 15, 1999)
- QuikScat (proposed launch date June 10, 1999)

On-going New Development:

- Automation of the GDP-911 matrix switch. Device code 99% complete. Tested check-out of device driver calls by GUI code. Have communication with the switch. Other than a few rough edges (toolbars, icons, etc.), the interface is complete. New file extension, "mgd", is now used for configuration files, which is a modification of ATS GUI switch design. Operational testing at WGS beginning May 26.
- Automation of the Tracking Data Formatter (Apogee Labs model 2208). Local command control according to vendor documentation in progress. Automation design scheme under investigation. Operational testing at WGS beginning July 2, 1999.
- Re-design of switch control to accommodate all input/output combinations for the MSC-10693 and GDP-911.
- Improved tape recorder scheduling responsibilities to avoid end-of-tape before end-of-data.
- Improved ephemeris acquisition, processing and display.
- Automation of TSI Data Stripper for ADEOS-II launch in early 2000. Design reviewed April 20-21, 1999; software development in progress.
- AWOTS (WGS) node for control of Microdyne receivers and combiners. Phase 2 installation and training scheduled May 18 – 20, 1999.

Year-2000 Testing:

- End-to-end testing at WGS, AGS and SGS April 27 – May 4, 1999 with WOTIS scheduling, ATS and SCC operators, SAFS software personnel and QuikSCAT MOC.
- No problems detected.

Standard Autonomous File Server (SAFS):

- Continued processing of QuikSCAT meta files; no problems noted.
- Year-2000 test cases with ATS personnel.